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(54) Title: ADDUCTS BETWEEN MAGNETIC RESONANCE SHIFT REAGENTS AND SUBSTRATES CONTAINING EXCHANGEABLE PROTONS FOR "CEST" APPLICATIONS

(57) Abstract: Disclosed are CEST paramagnetic agents comprising a substrate (SH) containing mobile protons bonded to a paramagnetic chelate (SR) containing a metal selected from iron (11) (high-spin configuration), iron (111), cobalt (11), rhodium (11), copper (11), nickel (11), cerium (111), praseodymium (111), neodymium (111), dysprosium (111), erbium (111), terbium (111), holmium (111), thulium (III), ytterbium (III) and europium (111).

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